

XP-002087016

1/1 - (C) WPI / DERWENT
AN - 85-073545 ç12!
AP - SU83 576657 830408
PR - SU83 576657 830408
TI - Tubular bone osteosynthesis device - fastening elements
are made as cylinders movably joined to each other,
with knurled outer surface and end teeth
IW - TUBE BONE OSTEOSYNTHESIS DEVICE FASTEN ELEMENT MADE
CYLINDER MOVE JOIN KNURL OUTER SURFACE END TOOTH
IN - BOGACHENKO V I; TISHCHENKO V P
PA - (KIME-R) KIEV MEDICAL INST
PN - SU1111748 A 840907 DW8512 002pp
ORD - 1984-09-07
IC - A61B17/18
FS - GMPI
DC - P31
AB - SU1111748 The tubular bone osteosynthesis device has
cylindrical fastening elements (2), with end teeth and
knurled surfaces forming paired lock joints, threaded
on flexible rod (1) which is mounted on tautening
device (3) which has a nut (4). The other end of the
flexible rod (1) is immobilely linked to grip (5)
mounted on the guide head (6) of one of the fastening
elements (2).
- The device is introduced by head (6) through a small
aperture in one fragment so that it completely enters
the bone marrow canal of the second fragment. Then rod
(1) is drawn taut by nut (4) and tautening device (3).
Because of the lock joints formed by the surfaces of
fastening devices (2), the whole device takes on a form
which corresponds to the physiological form of the bone
marrow canal. The knurled surface of the links assure
rigid fixation of the fragments in the radial
direction.
- ADVANTAGE - Increases the stability of osteosynthesis
by causing the device to curve to fit the physiological
curve of the bone marrow canal. Bul.33/7.9.84 (2pp
Dwg.No.1/1)

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